CLAIMS

What is claimed is:

1. A device to alert medical personnel comprising:
an audio sensor adapted to detect an audio signal from a medical device; and
an interface adapted to activate a call device in response to the detection of the audio signal.

2. The device as claimed in claim 1, wherein the audio sensor is a microphone.

3. The device as claimed in claim 1, wherein the interface is a relay.

4. The device as claimed in claim 1, further comprising an adjustable filter adapted to select a range of frequencies of the audio signal to be detected by the audio sensor for further processing.

5. The device as claimed in claim 4, further comprising a frequency counter adapted to count the number of audio signals within the selected range of frequencies.

6. The device as claimed in claim 1, further comprising a microprocessor adapted to sample and store a plurality of audio signals generated by the medical device, wherein the microprocessor is programmed to identify the audio signals.

7. The device as claimed in claim 1, further comprising a time delay adapted to select the time delay before the interface activates the call device.

8. The device as claimed in claim 1, further comprising a reset switch adapted to reset the interface.

9. The device as claimed in claim 1, further comprising a driver and a radio transmitter adapted to generate a unique signal and transmit the unique signal to a destination.

10. The device as claimed in claim 1, further comprising a radio transceiver adapted to transmit and receive signals.

11. A method of alerting personnel that a medical device is sounding an audible tone, the method comprising:

detecting an audible tone generated by a medical device; and

activating a call device to transmit a signal to a destination.

12. The method as claimed in claim 11, further comprising counting the number of audible tones generated by the medical device and activating the call device when the number reaches a predetermined threshold.

13. The method as claimed in claim 11, further comprising selecting a mode of operation.

14. The method as claimed in claim 11, wherein the destination is a central medical station.

15. The method as claimed in claim 11, wherein the signal includes an identification, and wherein the identification is displayed at the destination to inform the personnel of the medical device that is sounding the audible tone.

16. The method as claimed in claim 11, further comprising comparing the audible tone to a group of audible tones to determine the criticality of the audible tone.

17. A device to alert medical personnel comprising:

an audio sensor adapted to detect an audio signal generated by a medical device;

a frequency counter adapted to count the number of audio signals detected by the audio sensor;

a microprocessor adapted to compare the audio signals to stored audio signals to identify the audio signal; and

an interface adapted to activate a call device after the frequency counter reaches a predetermined threshold.

18. A device to alert medical personnel comprising:

a microphone adapted to detect an audio signal generated by a medical device;

an adjustable filter adapted to pass the audio signal if the frequency of the audio signal is within a preselected range of frequencies;

a frequency counter adapted to count the number of audio signals passed by the adjustable filter;

a first relay adapted to activate a call device after the frequency counter reaches a predetermined threshold;

a microprocessor adapted to compare the audio signals to stored audio signals to identify the audio signal; and

a second relay adapted to activate the call device to transmit information related to the audio signal.

19. A system for alerting personnel comprising:

a call device;

a destination in communication with the call device; and

an alert device including

an audio sensor adapted to detect an audio signal generated by a medical device,

a relay in communication with the call device, and

a processor adapted to activate the relay when an audio signal is detected by the audio sensor, wherein the call device transmits a signal to the destination to alert personnel of the audio signal generated by the medical device in response to activation of the relay.

20. The system as claimed in claim 19, further comprising a transceiver adapted to communication with the station and the alert device.